

Neutrino Beam Systems Update

LBNE Beam Group
FNAL

Priority Items

- Send proposed CDR template
- Document work on Beam Optimization
- Diane and I begin work on DK shielding

CDR Outline

- Gina and Amelia Smith have a proposed template for each subgroup to complete;
- I can collect info and incomplete sections ASAP
- If I receive little in 4 weeks I will prod and prompt; most concepts should be ready for documentation

Beam Config Doc

- I need to complete a document detailing work done over the past ~year
- Mary's and my work should be merged

Decay Region Shield

- Need to investigate alternative designs for the decay pipe shielding
- First need to understand radiological criteria
- Then incorporate practical factors
- Prediction: Diane Reitzner will become the decay region simulation expert